

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Virtanen, Jorma
  - (ii) TITLE OF INVENTION: Optical Disk-Based Assay Devices and Methods
  - (iii) NUMBER OF SEQUENCES: 13
  - (iv) CORRESPONDENCE ADDRESS:
    - (A) ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
    - (B) STREET: 2029 Century Park East, Suite 3800
    - (C) CITY: Los Angeles
    - (D) STATE: California
    - (E) COUNTRY: USA
    - (F) ZIP: 90067
  - (v) COMPUTER READABLE FORM:
    - (A) MEDIUM TYPE: Floppy Disk
    - (B) COMPUTER: IBM PC compatible
    - (C) OPERATING SYSTEM: Microsoft Windows 98
    - (D) SOFTWARE: MS Word
  - (vi) CURRENT APPLICATION DATA:
    - (A) APPLICATION NUMBER: 09/120,049
    - (B) FILING DATE: July 21, 1998
    - (C) CLASSIFICATION: 435
  - (vii) PRIOR APPLICATION DATA:
    - (A) APPLICATION NUMBER: 08/888,935
    - (B) FILING DATE: July 7, 1997
    - (A) APPLICATION NUMBER: 60/021,367
    - (B) FILING DATE: July 8, 1996
  - (viii) ATTORNEY/AGENT INFORMATION:
    - (A) NAME: Oldenkamp, David J.
    - (B) REGISTRATION NUMBER: 29,421
    - (C) REFERENCE/DOCKET NUMBER: 18950-18
  - (ix) TELECOMMUNICATION INFORMATION:
    - (A) TELEPHONE: (310) 788-5000
    - (B) TELEFAX: (310) 788-5100
- (2) INFORMATION FOR SEQ ID NO: 1:
- (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 9
    - (B) TYPE: nucleic acid
    - (C) STRANDEDNESS: single-stranded DNA
    - (D) TOPOLOGY: linear
  - (ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CGGGTGTGG

9

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CGGGTGTGA

9

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CGGGTGTGC

9

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CGGGTGTGT

9

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single-stranded DNA
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

CGGCCGCGG

9

- (2) INFORMATION FOR SEQ ID NO: 6:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 18  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single-stranded DNA  
 (D) TOPOLOGY: linear  
  
 (ii) MOLECULE TYPE: oligonucleotide  
  
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

GCCCACACCG CCGGCGCC

18

- (2) INFORMATION FOR SEQ ID NO: 7:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 18  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single-stranded DNA  
 (D) TOPOLOGY: linear  
  
 (ii) MOLECULE TYPE: oligonucleotide  
  
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

GCCCACACTG CCGGCGCC

18

- (2) INFORMATION FOR SEQ ID NO: 8:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 18  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single-stranded DNA  
 (D) TOPOLOGY: linear  
  
 (ii) MOLECULE TYPE: oligonucleotide  
  
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

GCCCACACGG CCGGCGCC

18

- (2) INFORMATION FOR SEQ ID NO: 9:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 16  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single-stranded DNA  
 (D) TOPOLOGY: linear  
  
 (ii) MOLECULE TYPE: oligonucleotide  
  
 (ix) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

GCCCACAGCC GGCGCC

16

- (2) INFORMATION FOR SEQ ID NO: 10:  
 (i) SEQUENCE CHARACTERISTICS:  
 (A) LENGTH: 33  
 (B) TYPE: nucleic acid  
 (C) STRANDEDNESS: single-stranded DNA

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TGAGACACCA GGAATTAGAT ATCAGTACAA TGT

33

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 33

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single-stranded DNA

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

CTAAATCAGA TCCTACATAT AAGTCATCCA TGT

33

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single-stranded DNA

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

TAGATATCAG TACAA

15

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single-stranded DNA

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: oligonucleotide

(ix) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

TATTCAGTAG GTACA

15